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No. 9, Original

# In the Supreme Court of the United States

OCTOBER TERM, 1980

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UNITED STATES OF AMERICA, PLAINTIFF

v.

STATE OF LOUISIANA, ET AL.

(LOUISIANA BOUNDARY CASE)

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## SUPPLEMENTAL REPORT OF THE SPECIAL MASTER

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WALTER P. ARMSTRONG, JR.
*Special Master*

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## REPORT OF THE SPECIAL MASTER

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By the Court's decree of June 16, 1975, herein, 422 U.S. 13, and its decision of April 28, 1980, 446 U.S. 253, all substantive issues in this controversy were resolved. What remained to be done was:

(1) To establish and describe lines three geograpic miles seaward of the coastlines described in the decree of June 16, 1975;

(2) To resolve the problems resulting from outstanding mineral leases embracing lands partly on one side and partly on the other side of the three-mile projection lines;

(3) To settle all accounting matters, including questions of offset, and provide for payment of remaining balances due;

(4) To terminate the present impoundment obligations of the parties under the Interim Agreement of 1956, and otherwise to bring to an end the regime mandated by that Agreement; and

(5) To formulate a final decree for entry by the Court.

The parties have been encouraged by the Special Master to resolve these matters by agreement, if possible. This has now occurred. The parties have entered into a Stipulation, filed with the Master (attached hereto), which provides for the division of "split leases" and, by ending payments from lessees in part to the sovereign no longer entitled to them, permits the final accountings to be prepared. The parties have also agreed a net balance due in respect to unimpounded receipts up to the date of the 1975 decree, and have agreed to an offset provision. And, finally, the parties have jointly drafted a proposed final decree (attached hereto) which incorporates the three-mile projection lines and provides a fixed schedule for final accountings and payments.

The Special Master has had an opportunity to review the several agreements of the parties and finds them consistent with the Court's rulings in the case. The proposed final decree seems to the Master appropriate in all respects.

Accordingly, the Special Master now recommends:

1. That the Court enter the proposed final decree appended hereto;

2. That the reference to the Special Master be continued for the purpose of entertaining any objections to the accountings required by the final decree

and, if agreement cannot be reached, submitting recommendations thereon to the Court;

3. That, unless such objections, if any, are not amicably resolved, these proceedings, so far as they relate to the controversy between the United States and the State of Louisiana, be deemed concluded without further order of the Court upon payment of the final balance provided for in Paragraph 7 of the proposed final decree and approval and payment of the Special Master's bill for expenses and compensation, and that the Special Master then be deemed discharged of his duties in this controversy.

Respectfully submitted.

/s/ Walter P. Armstrong, Jr.
WALTER P. ARMSTRONG, JR.
*Special Master*

June 8, 1981.

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## STIPULATION

The United States of America, herein represented by its Solicitor General and the State of Louisiana, herein represented by its Attorney General, hereby stipulate as follows:

1. On and after August 1, 1981, all lessees, purchasers, and other persons responsible for payments of mineral rents, royalties or bonuses under leases covering areas of the continental shelf off the coast of Louisiana enbracing both federal and state submerged lands (hereinafter "split leases") shall be authorized and directed to cease making any payments to the party not entitled thereto on the basis of the line stipulated by the parties as representing a three-mile projection of the baseline described in Exhibit A to the Court's Decree of June 16, 1975. Beginning not later than September 1, 1981, such payments (including any sums accrued since August 1, 1981) shall be made directly to the party entitled thereto on the basis of the said three-mile projection line, and, notwithstanding any provision



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of the said Decree or of the Interim Agreement of October 12, 1956, no payments made after August 1, 1981, shall be impounded or held in escrow.

2. For the purpose of apportioning rents and bonuses payable under such split leases, the payments shall be allocated on the basis of the relative acreage located on either side of the said three-mile projection line. Royalties shall be paid on the basis of the location of the well completion point on one or the other side of the said line, except as particular agreements may provide otherwise in which event such agreements shall govern.

3. Any sums due under such split leases which have already accrued but which have not been paid to either party shall, not later than September 1, 1981, be paid to the party entitled thereto on the same basis as revenues accruing after August 1, 1981. However, any obligation for interest on such sums or for severance taxes in respect of such production due to the State of Louisiana shall be unaffected by the payment of the principal sums required by this paragraph.

4. On or before January 1, 1982, all such split leases shall be divided and each of the parties shall validate and administer that portion of the outstanding lease covering areas on its side of the said three-mile projection line, or shall issue new leases on like terms covering such areas; provided that nothing in this paragraph shall be construed to require either party to validate a lapsed or expired lease or portion thereof. Notwithstanding any more restrictive provision of existing leases, the lessee shall be afforded 12 months from the date of this Stipulation to commence production from the area in paying quantities or drilling or well reworking operations there in order

to maintain the validated or new lease in force as to any area as to which the lease would otherwise lapse. However, nothing in this paragraph shall be construed to authorize the cessation of production or operations occurring on the date of this Stipulation.

5. All affected lessees, purchasers and other persons responsible for payments under such split leases shall immediately be given notice by service of a copy of the present Stipulation.

6. This Stipulation may be executed in counterpart copies and shall be effective upon execution by the duly authorized representatives of both governments.

Thus done and signed on behalf of the United States in Washington, D.C., this 5th day of June, 1981.

UNITED STATES OF AMERICA

BY: /s/ Wade H. McCree, Jr.
WADE H. MCCREE
Solicitor General

Thus done and signed on behalf of the State of Louisiana in Baton Rouge, Louisiana, this 5th day of June, 1981.

STATE OF LOUISIANA

BY: /s/ William J. Guste, Jr.
WILLIAM J. GUSTE, JR.
Attorney General

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STATE OF LOUISIANA

## FINAL DECREE

On April 28, 1980, this Court resolved all remaining issues between the United States and the State of Louisiana and returned the case to the Special Master for a "determination of the final amount due and owing, and the method of payment." The parties have agreed upon these matters, have submitted to the Special Master a proposed final decree, and the Special Master, with the concurrence of both parties, has recommended its entry by the Court.

Accordingly,

IT IS ORDERED, ADJUDGED, AND DECREED:

1. As against the Defendant State of Louisiana and all persons claiming under it, the United States has exclusive rights to explore the area of the Continental Shelf lying seaward of the line described in Exhibit A hereof, and to exploit the natural resources of said area; the State of Louisiana is not entitled to any interest in such lands, minerals, and resources, except as may be provided by 43 U.S.C. 1337(g),



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and said State, its privies, assigns, lessees, and other persons claiming under it are hereby enjoined from interfering with the rights of the United States in such lands, minerals and resources.

2. As against the plaintiff United States and all persons claiming under it, the State of Louisiana has exclusive rights to explore the area lying shoreward of the line described in Exhibit A hereof, and to exploit the natural resources of said area, with the exceptions provided by Section 5 of the Submerged Lands Act, 67 Stat. 32, 43 U.S.C. § 1313; the United States is not entitled to any interest in such lands, minerals, and resources and said United States, its privies, assigns, lessees and other persons claiming under it are hereby enjoined from interfering with the rights of the State of Louisiana in such lands, minerals and resources.

3. The line described in Exhibit A hereof is a line three geographic miles seaward of the coastline described in Exhibit A to the Decree of June 16, 1975 (422 U.S. 13, 19-32). Except as otherwise provided for limited past periods by paragraph 10 and Exhibit B of the said Decree of June 16, 1975, these two lines shall supercede all prior descriptions and be deemed to define the coastline and its three-mile projection for all periods present and past. Moreover, until and unless superceded by a subsequent final decree of this Court or agreement of the parties, the line described in Exhibit A hereof shall remain in effect for all purposes relevant to the Submerged Lands Act, 43 U.S.C. 1301-1315, including exploitation of mineral resources; and, with respect to any period during which this line remains in effect, neither party shall ever be held to account to the other for or reimburse the other for any revenues derived from

or attributable to sales, leases, licenses or exploitation of lands, minerals or resources adjudicated to that party by paragraph 1 or paragraph 2 hereof.

4. All prior accountings, claims and objections affecting the liability of one party to the other with respect to revenues derived from exploitation of offshore submerged lands and resources before June 16, 1975, and not impounded pursuant to the Interim Agreement of October 12, 1956, have been resolved. However, notwithstanding anything to the contrary in any previous decree of this Court or in the Interim Agreement of October 12, 1956, this net balance shall not be payable until the accountings provided for in paragraphs 5 and 6 hereof shall have been filed and settled, and the said net balance shall be subject to offset against the liability resulting from those accountings.

5. Not later than December 1, 1981, the State of Louisiana shall render to the United States and file with the Court a true, full and accurate account of all revenues, other than severance taxes, pipeline rentals, and administrative charges, derived from or attributable to the exploitation of lands, minerals or resources within the area described in paragraph 1 hereof since June 16, 1975. Where such revenues are derived from leases embracing areas on both sides of the line described in Exhibit A hereof, they shall be apportioned as follows: as to bonuses and rentals, on the basis of relative acreage; as to royalties, on the basis of the location of the well completion point, except when an outstanding agreement between the parties specifies a different basis of allocation which, in that event, shall govern.

6. Not later than December 1, 1981, the United States shall render to the State of Louisiana and file

with the Court a true, full and accurate accounting of all revenues, other than pipeline rentals and administrative charges, which remain impounded pursuant to the Interim Agreement of October 12, 1956, and which are derived from or attributable to the exploitation of lands, minerals or resources within the area described in paragraph 2 hereof or, for the limited periods there specified, areas landward of the lines described in Exhibit B hereof. The allocation of revenues from leases embracing areas on both sides of the line described in Exhibit A hereof or, for the relevant periods, Exhibit B hereof, shall be on the same basis as set forth in paragraph 5 hereof.

7. Any objections to the accounting required by paragraphs 5 and 6 hereof shall be filed with the Court and served on the other party not later than January 1, 1982. Immediately after January 1, 1982, any undisputed net balance resulting from the unchallenged portions of the accountings required by paragraphs 5 and 6 hereof and the liability specified in paragraph 4 hereof, shall be paid by the party whose net liability is greater to the other party, notwithstanding any outstanding objections as to other portions of the accountings and notwithstanding any provisions barring offsets in prior decrees or the Interim Agreement of October 12, 1956. Any remaining net balance shall be paid promptly after objections are resolved.

8. Nothing in this decree shall affect the rights or obligations of either party with respect to its lessees or other third parties, whether arising from the Interim Agreement of October 12, 1956, or otherwise. Nor shall anything in this Decree affect any rights or obligations arising under present or future unitization, operating, enhanced recovery, comming-

ling, or other similar agreements between the parties or with others.

9. Nothing in this Decree or in the proceedings leading to it shall prejudice any rights, claims or defenses of the State of Louisiana as to its maritime lateral boundaries with any other state, which boundaries are not at issue in this litigation, nor shall the United States in any way be prejudiced hereby as to such matters.

10. The Court retains jurisdiction to entertain such further proceedings, enter such orders and issue such writs as may from time to time be deemed necessary or advisable to resolve any disputes that may arise over the accountings provided for in this decree, and to give proper force and effect to its previous orders or decrees herein or to this decree. In all other respects, this is a final decree; and the Interim Agreement of October 12, 1956, is terminated for all purposes as of 5 P.M. on the first day of January, 1982, or the date on which any objections to accountings are finally resolved.

EXHIBIT A

| | X | Y |
|---|---|---|
| BEGINNING AT | 2769357 | 575650 |
| BY STRAIGHT LINE TO | 2790258 | 526390 |
| BY ARC CENTERED AT | 2779032 | 512013 |
| TO | 2791385 | 525434 |
| BY STRAIGHT LINE TO | 2793119 | 523838 |
| BY ARC CENTERED AT | 2780766 | 510417 |
| TO | 2794594 | 522313 |
| BY STRAIGHT LINE TO | 2795887 | 520810 |
| BY ARC CENTERED AT | 2782059 | 508914 |
| TO | 2796579 | 519954 |
| BY STRAIGHT LINE TO | 2799209 | 516495 |
| BY ARC CENTERED AT | 2784689 | 505455 |
| TO | 2800441 | 514653 |
| BY STRAIGHT LINE TO | 2804270 | 508096 |
| BY ARC CENTERED AT | 2788518 | 498898 |
| TO | 2804495 | 507699 |
| BY STRAIGHT LINE TO | 2806028 | 504916 |
| BY ARC CENTERED AT | 2790051 | 496115 |
| TO | 2807014 | 502822 |
| BY STRAIGHT LINE TO | 2808653 | 498677 |
| BY ARC CENTERED AT | 2791690 | 491970 |
| TO | 2809151 | 497245 |
| BY STRAIGHT LINE TO | 2812250 | 486987 |
| BY ARC CENTERED AT | 2794789 | 481712 |
| TO | 2812519 | 485996 |
| BY STRAIGHT LINE TO | 2813932 | 480148 |
| BY ARC CENTERED AT | 2796202 | 475864 |
| TO | 2814262 | 478425 |
| BY STRAIGHT LINE TO | 2815269 | 471324 |
| BY ARC CENTERED AT | 2797209 | 468763 |
| TO | 2815426 | 469688 |
| BY STRAIGHT LINE TO | 2815673 | 464823 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2797456 | 463898 |
| TO | 2815697 | 463895 |
| BY STRAIGHT LINE TO | 2815696 | 458116 |
| BY ARC CENTERED AT | 2797455 | 458119 |
| TO | 2815657 | 456928 |
| BY STRAIGHT LINE TO | 2815269 | 450999 |
| BY ARC CENTERED AT | 2797067 | 452190 |
| TO | 2815171 | 449960 |
| BY STRAIGHT LINE TO | 2813957 | 440103 |
| BY ARC CENTERED AT | 2795853 | 442333 |
| TO | 2813809 | 439123 |
| BY STRAIGHT LINE TO | 2812678 | 432796 |
| BY ARC CENTERED AT | 2794722 | 436006 |
| TO | 2812419 | 431584 |
| BY STRAIGHT LINE TO | 2810957 | 425733 |
| BY ARC CENTERED AT | 2793260 | 430155 |
| TO | 2810699 | 424807 |
| BY STRAIGHT LINE TO | 2807854 | 415530 |
| BY ARC CENTERED AT | 2790415 | 420878 |
| TO | 2807572 | 414684 |
| BY STRAIGHT LINE TO | 2805322 | 408452 |
| BY ARC CENTERED AT | 2788165 | 414646 |
| TO | 2805227 | 408196 |
| BY STRAIGHT LINE TO | 2803786 | 404384 |
| BY ARC CENTERED AT | 2786724 | 410834 |
| TO | 2803319 | 403263 |
| BY STRAIGHT LINE TO | 2799845 | 395648 |
| BY ARC CENTERED AT | 2783250 | 403219 |
| TO | 2798971 | 393968 |
| BY STRAIGHT LINE TO | 2795394 | 387889 |
| BY ARC CENTERED AT | 2779673 | 397140 |
| TO | 2795311 | 387750 |
| BY STRAIGHT LINE TO | 2793560 | 384834 |
| BY ARC CENTERED AT | 2777922 | 394224 |
| TO | 2792249 | 382934 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 2790814 | 381113 |
| BY ARC CENTERED AT | 2776487 | 392403 |
| TO | 2789360 | 379480 |
| | | |
| BY ARC CENTERED AT | 2774670 | 390293 |
| TO | 2788262 | 378129 |
| BY STRAIGHT LINE TO | 2786553 | 375045 |
| BY ARC CENTERED AT | 2770599 | 383887 |
| TO | 2785045 | 372750 |
| BY STRAIGHT LINE TO | 2783942 | 371319 |
| BY STRAIGHT LINE TO | 2783792 | 371062 |
| BY ARC CENTERED AT | 2768031 | 380244 |
| TO | 2780548 | 366976 |
| BY STRAIGHT LINE TO | 2775735 | 360553 |
| BY ARC CENTERED AT | 2761138 | 371491 |
| TO | 2775111 | 359766 |
| BY STRAIGHT LINE TO | 2773031 | 357287 |
| BY ARC CENTERED AT | 2757465 | 366796 |
| TO | 2771721 | 355417 |
| BY STRAIGHT LINE TO | 2770633 | 354054 |
| BY STRAIGHT LINE TO | 2770505 | 353847 |
| BY ARC CENTERED AT | 2755015 | 363480 |
| TO | 2767788 | 350458 |
| BY STRAIGHT LINE TO | 2761994 | 344775 |
| BY ARC CENTERED AT | 2749221 | 357797 |
| TO | 2760703 | 343624 |
| BY STRAIGHT LINE TO | 2757791 | 341265 |
| BY ARC CENTERED AT | 2746309 | 355438 |
| TO | 2756022 | 339999 |
| BY STRAIGHT LINE TO | 2754136 | 338812 |
| BY STRAIGHT LINE TO | 2742173 | 323079 |
| BY ARC CENTERED AT | 2727653 | 334120 |
| TO | 2741983 | 322834 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 2741182 | 321817 |
| BY ARC CENTERED AT | 2726852 | 333103 |
| TO | 2738042 | 318698 |
| BY STRAIGHT LINE TO | 2736381 | 317408 |
| BY STRAIGHT LINE TO | 2736060 | 316935 |
| BY STRAIGHT LINE TO | 2732627 | 311249 |
| BY ARC CENTERED AT | 2717012 | 320677 |
| TO | 2731416 | 309486 |
| BY STRAIGHT LINE TO | 2729640 | 307200 |
| BY ARC CENTERED AT | 2715236 | 318391 |
| TO | 2728702 | 306088 |
| BY STRAIGHT LINE TO | 2728099 | 305428 |
| BY ARC CENTERED AT | 2714633 | 317731 |
| TO | 2725197 | 302861 |
| BY STRAIGHT LINE TO | 2723888 | 301931 |
| BY ARC CENTERED AT | 2713324 | 316801 |
| TO | 2720770 | 300149 |
| BY STRAIGHT LINE TO | 2719218 | 299455 |
| BY ARC CENTERED AT | 2711772 | 316107 |
| TO | 2714238 | 298034 |
| BY STRAIGHT LINE TO | 2704480 | 294684 |
| BY STRAIGHT LINE TO | 2704099 | 293666 |
| BY ARC CENTERED AT | 2687014 | 300054 |
| TO | 2701338 | 288761 |
| BY STRAIGHT LINE TO | 2699382 | 286280 |
| BY ARC CENTERED AT | 2685058 | 297573 |
| TO | 2697436 | 284175 |
| BY STRAIGHT LINE TO | 2699302 | 266715 |
| BY ARC CENTERED AT | 2688235 | 252215 |
| TO | 2704468 | 260534 |
| BY ARC CENTERED AT | 2689305 | 250395 |
| TO | 2707507 | 251577 |
| BY ARC CENTERED AT | 2700735 | 234640 |
| TO | 2717908 | 240788 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2701500 | 232820 |
| TO | 2719022 | 237890 |
| BY ARC CENTERED AT | 2707635 | 223640 |
| TO | 2721632 | 235337 |
| BY STRAIGHT LINE TO | 2736873 | 228413 |
| BY ARC CENTERED AT | 2738320 | 210230 |
| TO | 2745585 | 226961 |
| BY ARC CENTERED AT | 2738938 | 209975 |
| TO | 2749646 | 224742 |
| BY ARC CENTERED AT | 2750755 | 206535 |
| TO | 2759837 | 222354 |
| BY ARC CENTERED AT | 2755325 | 204680 |
| TO | 2773229 | 201192 |
| BY ARC CENTERED AT | 2755178 | 203815 |
| TO | 2770763 | 194337 |
| BY ARC CENTERED AT | 2754100 | 186915 |
| TO | 2771780 | 191404 |
| BY ARC CENTERED AT | 2754263 | 186316 |
| TO | 2772100 | 182502 |
| BY ARC CENTERED AT | 2753885 | 183460 |
| TO | 2765449 | 169354 |
| BY ARC CENTERED AT | 2752470 | 182170 |
| TO | 2761213 | 166161 |
| BY ARC CENTERED AT | 2751045 | 181305 |
| TO | 2752202 | 163101 |
| BY ARC CENTERED AT | 2750586 | 181270 |
| TO | 2749611 | 163055 |
| BY ARC CENTERED AT | 2736662 | 175902 |
| TO | 2748316 | 161869 |
| BY ARC CENTERED AT | 2734720 | 174030 |
| TO | 2747824 | 161341 |
| BY STRAIGHT LINE TO | 2746249 | 159715 |
| BY ARC CENTERED AT | 2728153 | 162005 |

| | X | Y |
|---|---|---|
| TO | 2746094 | 158715 |
| BY STRAIGHT LINE TO | 2745156 | 153600 |
| BY ARC CENTERED AT | 2727215 | 156890 |
| TO | 2745054 | 153083 |
| BY ARC CENTERED AT | 2726951 | 150846 |
| TO | 2743622 | 143444 |
| BY ARC CENTERED AT | 2726105 | 148530 |
| TO | 2731258 | 131033 |
| BY STRAIGHT LINE TO | 2717872 | 114220 |
| BY ARC CENTERED AT | 2699815 | 116800 |
| TO | 2711432 | 102737 |
| BY ARC CENTERED AT | 2699695 | 116700 |
| TO | 2694008 | 99369 |
| BY ARC CENTERED AT | 2697850 | 117200 |
| TO | 2683320 | 106173 |
| BY STRAIGHT LINE TO | 2682980 | 106621 |
| BY ARC CENTERED AT | 2697510 | 117648 |
| TO | 2679799 | 113283 |
| BY STRAIGHT LINE TO | 2679589 | 114135 |
| BY ARC CENTERED AT | 2697300 | 118500 |
| TO | 2679155 | 116635 |
| BY ARC CENTERED AT | 2685325 | 133800 |
| TO | 2670977 | 122536 |
| BY STRAIGHT LINE TO | 2670888 | 122588 |
| BY STRAIGHT LINE TO | 2656605 | 119022 |
| BY ARC CENTERED AT | 2641835 | 129725 |
| TO | 2656150 | 118421 |
| BY STRAIGHT LINE TO | 2653860 | 115521 |
| BY ARC CENTERED AT | 2639545 | 126825 |
| TO | 2648682 | 111038 |
| BY STRAIGHT LINE TO | 2648610 | 110974 |
| BY STRAIGHT LINE TO | 2648531 | 110887 |
| BY STRAIGHT LINE TO | 2646419 | 107265 |
| BY ARC CENTERED AT | 2630660 | 116450 |
| TO | 2646250 | 106981 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 2644270 | 103721 |
| BY ARC CENTERED AT | 2628680 | 113190 |
| TO | 2642494 | 101278 |
| BY STRAIGHT LINE TO | 2640182 | 98597 |
| BY ARC CENTERED AT | 2624995 | 108700 |
| TO | 2638408 | 96339 |
| | | |
| BY STRAIGHT LINE TO | 2638210 | 96123 |
| BY STRAIGHT LINE TO | 2637530 | 95377 |
| BY ARC CENTERED AT | 2624045 | 107660 |
| TO | 2637471 | 95312 |
| BY STRAIGHT LINE TO | 2635351 | 93007 |
| BY ARC CENTERED AT | 2621925 | 105355 |
| TO | 2634923 | 92558 |
| BY STRAIGHT LINE TO | 2633653 | 91268 |
| BY ARC CENTERED AT | 2620655 | 104065 |
| TO | 2631973 | 89760 |
| BY STRAIGHT LINE TO | 2631344 | 89262 |
| BY STRAIGHT LINE TO | 2630156 | 87770 |
| BY ARC CENTERED AT | 2615885 | 99131 |
| TO | 2630068 | 87661 |
| BY STRAIGHT LINE TO | 2629389 | 86821 |
| BY STRAIGHT LINE TO | 2626027 | 82661 |
| BY STRAIGHT LINE TO | 2624340 | 80576 |
| BY ARC CENTERED AT | 2610160 | 92050 |
| TO | 2621555 | 77806 |
| BY STRAIGHT LINE TO | 2621180 | 77506 |
| BY ARC CENTERED AT | 2609785 | 91750 |
| TO | 2617996 | 75462 |
| BY STRAIGHT LINE TO | 2617391 | 75157 |
| BY ARC CENTERED AT | 2609180 | 91445 |
| TO | 2597416 | 77505 |
| BY STRAIGHT LINE TO | 2595526 | 79100 |
| BY ARC CENTERED AT | 2607290 | 93040 |
| TO | 2589664 | 97736 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2607455 | 93710 |
| TO | 2591541 | 102625 |
| BY STRAIGHT LINE TO | 2592751 | 104785 |
| BY ARC CENTERED AT | 2608665 | 95870 |
| TO | 2593838 | 106495 |
| BY STRAIGHT LINE TO | 2595167 | 108350 |
| BY STRAIGHT LINE TO | 2596041 | 109955 |
| BY ARC CENTERED AT | 2614270 | 110615 |
| TO | 2597233 | 117130 |
| BY STRAIGHT LINE TO | 2597210 | 155899 |
| BY ARC CENTERED AT | 2614790 | 160765 |
| TO | 2596949 | 156969 |
| BY STRAIGHT LINE TO | 2596342 | 158695 |
| BY ARC CENTERED AT | 2613550 | 164745 |
| TO | 2595312 | 165072 |
| BY STRAIGHT LINE TO | 2595316 | 165282 |
| BY ARC CENTERED AT | 2607710 | 178665 |
| TO | 2594008 | 166625 |
| BY STRAIGHT LINE TO | 2592668 | 168150 |
| BY ARC CENTERED AT | 2606370 | 180190 |
| TO | 2590016 | 172111 |
| BY STRAIGHT LINE TO | 2588771 | 174631 |
| BY ARC CENTERED AT | 2605125 | 182710 |
| TO | 2587979 | 176487 |
| BY ARC CENTERED AT | 2604220 | 184790 |
| TO | 2587325 | 177913 |
| BY STRAIGHT LINE TO | 2586460 | 180038 |
| BY ARC CENTERED AT | 2603355 | 186915 |
| TO | 2585856 | 181767 |
| BY ARC CENTERED AT | 2602425 | 189395 |
| TO | 2585513 | 182560 |
| BY STRAIGHT LINE TO | 2585309 | 183065 |
| BY STRAIGHT LINE TO | 2585048 | 183583 |
| BY STRAIGHT LINE TO | 2584220 | 184785 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 2581909 | 187130 |
| BY ARC CENTERED AT | 2594900 | 199935 |
| TO | 2581526 | 187531 |
| BY ARC CENTERED AT | 2589100 | 204125 |
| TO | 2579034 | 188914 |
| BY STRAIGHT LINE TO | 2577635 | 189839 |
| BY ARC CENTERED AT | 2583790 | 207010 |
| TO | 2576863 | 190136 |
| BY STRAIGHT LINE TO | 2572518 | 191920 |
| BY ARC CENTERED AT | 2576174 | 209790 |
| TO | 2567200 | 193910 |
| BY ARC CENTERED AT | 2574890 | 210450 |
| TO | 2566472 | 194268 |
| BY STRAIGHT LINE TO | 2564469 | 194807 |
| BY ARC CENTERED AT | 2565940 | 212988 |
| TO | 2559750 | 195830 |
| BY STRAIGHT LINE TO | 2559112 | 196060 |
| BY ARC CENTERED AT | 2562149 | 214046 |
| TO | 2557272 | 196470 |
| BY STRAIGHT LINE TO | 2557019 | 196540 |
| BY STRAIGHT LINE TO | 2552324 | 197553 |
| BY ARC CENTERED AT | 2556172 | 215383 |
| TO | 2551363 | 197788 |
| BY STRAIGHT LINE TO | 2414967 | 172673 |
| BY STRAIGHT LINE TO | 2410270 | 168699 |
| BY STRAIGHT LINE TO | 2406006 | 164749 |
| BY ARC CENTERED AT | 2393610 | 178130 |
| TO | 2404972 | 163860 |
| BY STRAIGHT LINE TO | 2397195 | 157668 |
| BY ARC CENTERED AT | 2385833 | 171938 |
| TO | 2396858 | 157406 |
| BY STRAIGHT LINE TO | 2392712 | 154261 |
| BY STRAIGHT LINE TO | 2389824 | 151968 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2376485 | 164409 |
| TO | 2387438 | 149823 |
| BY STRAIGHT LINE TO | 2385828 | 148614 |
| | | |
| BY ARC CENTERED AT | 2374875 | 163200 |
| TO | 2382739 | 146742 |
| BY STRAIGHT LINE TO | 2382463 | 146610 |
| BY STRAIGHT LINE TO | 2379481 | 144718 |
| BY ARC CENTERED AT | 2369709 | 160120 |
| TO | 2378913 | 144372 |
| BY STRAIGHT LINE TO | 2376899 | 143195 |
| BY ARC CENTERED AT | 2367695 | 158943 |
| TO | 2374967 | 142215 |
| BY STRAIGHT LINE TO | 2373712 | 141669 |
| BY ARC CENTERED AT | 2364392 | 157349 |
| TO | 2367743 | 139419 |
| BY STRAIGHT LINE TO | 2365248 | 138185 |
| BY ARC CENTERED AT | 2354070 | 152599 |
| TO | 2349744 | 134879 |
| BY STRAIGHT LINE TO | 2348372 | 134394 |
| BY STRAIGHT LINE TO | 2346096 | 133534 |
| BY ARC CENTERED AT | 2339651 | 150598 |
| TO | 2344530 | 133022 |
| BY STRAIGHT LINE TO | 2342882 | 132565 |
| BY STRAIGHT LINE TO | 2341883 | 132218 |
| BY STRAIGHT LINE TO | 2334775 | 129342 |
| BY ARC CENTERED AT | 2327933 | 146251 |
| TO | 2333794 | 128978 |
| BY STRAIGHT LINE TO | 2328327 | 127123 |
| BY ARC CENTERED AT | 2322466 | 144396 |
| TO | 2326959 | 126717 |
| BY STRAIGHT LINE TO | 2326906 | 126704 |
| BY ARC CENTERED AT | 2319608 | 143421 |
| TO | 2324588 | 125873 |
| BY STRAIGHT LINE TO | 2322643 | 125321 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2317663 | 142869 |
| TO | 2322368 | 125246 |
| BY STRAIGHT LINE TO | 2318607 | 124242 |
| BY ARC CENTERED AT | 2313902 | 141865 |
| TO | 2314460 | 123633 |
| BY STRAIGHT LINE TO | 2312762 | 123581 |
| BY ARC CENTERED AT | 2312204 | 141813 |
| TO | 2311215 | 123599 |
| BY STRAIGHT LINE TO | 2309557 | 123689 |
| BY ARC CENTERED AT | 2310546 | 141903 |
| TO | 2308711 | 123755 |
| BY ARC CENTERED AT | 2300326 | 139954 |
| TO | 2308388 | 123592 |
| BY STRAIGHT LINE TO | 2306600 | 122711 |
| BY ARC CENTERED AT | 2298538 | 139073 |
| TO | 2302489 | 121265 |
| BY STRAIGHT LINE TO | 2299992 | 120711 |
| BY ARC CENTERED AT | 2296041 | 138519 |
| TO | 2295411 | 120289 |
| BY STRAIGHT LINE TO | 2294514 | 120320 |
| BY ARC CENTERED AT | 2295144 | 138550 |
| TO | 2288532 | 121550 |
| BY STRAIGHT LINE TO | 2287771 | 121846 |
| BY ARC CENTERED AT | 2294383 | 138846 |
| TO | 2287412 | 121990 |
| BY STRAIGHT LINE TO | 2284138 | 122399 |
| BY ARC CENTERED AT | 2286402 | 140499 |
| TO | 2283007 | 122577 |
| BY STRAIGHT LINE TO | 2277807 | 123562 |
| BY ARC CENTERED AT | 2281202 | 141484 |
| TO | 2276614 | 123830 |
| BY STRAIGHT LINE TO | 2270161 | 125507 |
| BY ARC CENTERED AT | 2274749 | 143161 |

| | X | Y |
|---|---|---|
| TO | 2267618 | 126372 |
| BY STRAIGHT LINE TO | 2263074 | 128302 |
| BY ARC CENTERED AT | 2270205 | 145091 |
| TO | 2262736 | 128450 |
| BY STRAIGHT LINE TO | 2256981 | 131033 |
| BY ARC CENTERED AT | 2264450 | 147674 |
| TO | 2255335 | 131874 |
| BY STRAIGHT LINE TO | 2251881 | 133867 |
| BY STRAIGHT LINE TO | 2250291 | 134590 |
| BY STRAIGHT LINE TO | 2229997 | 129637 |
| BY STRAIGHT LINE TO | 2228299 | 128761 |
| BY ARC CENTERED AT | 2219935 | 144971 |
| TO | 2227466 | 128358 |
| BY STRAIGHT LINE TO | 2225677 | 127547 |
| BY ARC CENTERED AT | 2218146 | 144160 |
| TO | 2222547 | 126458 |
| BY STRAIGHT LINE TO | 2219572 | 125719 |
| BY STRAIGHT LINE TO | 2212203 | 123742 |
| BY STRAIGHT LINE TO | 2203722 | 121100 |
| BY ARC CENTERED AT | 2198296 | 138515 |
| TO | 2202941 | 120876 |
| BY STRAIGHT LINE TO | 2196975 | 119305 |
| BY ARC CENTERED AT | 2192330 | 136944 |
| TO | 2195302 | 118947 |
| BY STRAIGHT LINE TO | 2189988 | 118070 |
| BY STRAIGHT LINE TO | 2188596 | 117772 |
| BY ARC CENTERED AT | 2184788 | 135611 |
| TO | 2185156 | 117374 |
| BY ARC CENTERED AT | 2182166 | 135368 |
| TO | 2181100 | 117159 |
| BY STRAIGHT LINE TO | 2179579 | 117248 |
| BY ARC CENTERED AT | 2180645 | 135457 |
| TO | 2177979 | 117412 |
| BY STRAIGHT LINE TO | 2172700 | 117308 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 2171638 | 117082 |
| BY ARC CENTERED AT | 2167836 | 134922 |
| TO | 2168753 | 116704 |
| BY STRAIGHT LINE TO | 2165394 | 116535 |
| BY ARC CENTERED AT | 2164477 | 134753 |
| TO | 2160352 | 116985 |
| BY STRAIGHT LINE TO | 2156273 | 117355 |
| BY ARC CENTERED AT | 2157920 | 135521 |
| TO | 2154346 | 117634 |
| BY ARC CENTERED AT | 2155349 | 135847 |
| TO | 2149793 | 118473 |
| BY ARC CENTERED AT | 2147751 | 136599 |
| TO | 2149162 | 118413 |
| BY STRAIGHT LINE TO | 2145000 | 118090 |
| BY ARC CENTERED AT | 2143589 | 136276 |
| TO | 2143589 | 118035 |
| BY STRAIGHT LINE TO | 2139529 | 118035 |
| BY ARC CENTERED AT | 2139529 | 136276 |
| TO | 2137975 | 118102 |
| BY STRAIGHT LINE TO | 2136677 | 118213 |
| BY ARC CENTERED AT | 2138231 | 136387 |
| TO | 2134698 | 118492 |
| BY ARC CENTERED AT | 2134210 | 136726 |
| TO | 2130790 | 118809 |
| BY STRAIGHT LINE TO | 2129669 | 119023 |
| BY ARC CENTERED AT | 2133089 | 136940 |
| TO | 2126158 | 120067 |
| BY STRAIGHT LINE TO | 2122637 | 121514 |
| BY STRAIGHT LINE TO | 2122091 | 121684 |
| BY STRAIGHT LINE TO | 2118740 | 122394 |
| BY ARC CENTERED AT | 2122523 | 140238 |
| TO | 2114776 | 123724 |
| BY STRAIGHT LINE TO | 2111082 | 125457 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2118829 | 141971 |
| TO | 2108033 | 127268 |
| BY STRAIGHT LINE TO | 2107269 | 127829 |
| BY ARC CENTERED AT | 2118065 | 142532 |
| TO | 2103682 | 131314 |
| BY STRAIGHT LINE TO | 2102934 | 132273 |
| BY ARC CENTERED AT | 2117317 | 143491 |
| TO | 2112203 | 161000 |
| BY STRAIGHT LINE TO | 2112518 | 161092 |
| BY ARC CENTERED AT | 2117632 | 143583 |
| TO | 2119073 | 161767 |
| BY ARC CENTERED AT | 2131078 | 175500 |
| TO | 2117168 | 163700 |
| BY ARC CENTERED AT | 2128430 | 178049 |
| TO | 2116319 | 164410 |
| BY ARC CENTERED AT | 2127239 | 179020 |
| TO | 2116191 | 164506 |
| BY ARC CENTERED AT | 2124878 | 180545 |
| TO | 2114372 | 165634 |
| BY ARC CENTERED AT | 2111697 | 183677 |
| TO | 2110623 | 165468 |
| BY ARC CENTERED AT | 2106412 | 183216 |
| TO | 2102599 | 165378 |
| BY ARC CENTERED AT | 2103313 | 183605 |
| TO | 2095246 | 167245 |
| BY ARC CENTERED AT | 2098954 | 185105 |
| TO | 2095140 | 167268 |
| BY STRAIGHT LINE TO | 2087218 | 168962 |
| BY ARC CENTERED AT | 2086261 | 187177 |
| TO | 2082361 | 169358 |
| BY STRAIGHT LINE TO | 2081470 | 169553 |
| BY ARC CENTERED AT | 2085370 | 187372 |
| TO | 2076984 | 171174 |
| BY ARC CENTERED AT | 2077417 | 189409 |

| | X | Y |
|---|---|---|
| TO | 2071846 | 172040 |
| BY STRAIGHT LINE TO | 2070630 | 172430 |
| BY ARC CENTERED AT | 2076201 | 189799 |
| TO | 2064747 | 175603 |
| BY STRAIGHT LINE TO | 2063841 | 176334 |
| BY ARC CENTERED AT | 2075295 | 190530 |
| TO | 2059951 | 180668 |
| BY ARC CENTERED AT | 2071131 | 195080 |
| TO | 2058843 | 181599 |
| BY ARC CENTERED AT | 2062055 | 199555 |
| TO | 2057134 | 181991 |
| BY STRAIGHT LINE TO | 2053779 | 182931 |
| BY ARC CENTERED AT | 2058700 | 200495 |
| TO | 2053474 | 183019 |
| BY STRAIGHT LINE TO | 2052967 | 183053 |
| BY STRAIGHT LINE TO | 2051871 | 183006 |
| BY ARC CENTERED AT | 2051090 | 201230 |
| TO | 2050845 | 182991 |
| BY STRAIGHT LINE TO | 2048985 | 183016 |
| BY ARC CENTERED AT | 2049230 | 201255 |
| TO | 2048033 | 183054 |
| BY STRAIGHT LINE TO | 2044865 | 183262 |
| BY STRAIGHT LINE TO | 2041482 | 183446 |
| BY ARC CENTERED AT | 2042475 | 201660 |
| TO | 2037473 | 184119 |
| BY STRAIGHT LINE TO | 2033139 | 185355 |
| BY STRAIGHT LINE TO | 2032934 | 185387 |
| BY ARC CENTERED AT | 2035775 | 203405 |
| TO | 2029791 | 186174 |
| BY STRAIGHT LINE TO | 2027401 | 187004 |
| BY ARC CENTERED AT | 2033385 | 204235 |
| TO | 2026834 | 187211 |
| BY STRAIGHT LINE TO | 2023510 | 188491 |
| BY STRAIGHT LINE TO | 2020959 | 189327 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 2026640 | 206660 |
| TO | 2019190 | 190010 |
| BY STRAIGHT LINE TO | 2016613 | 191163 |
| BY STRAIGHT LINE TO | 2015796 | 191414 |
| BY ARC CENTERED AT | 2021155 | 208850 |
| TO | 2013823 | 192148 |
| BY STRAIGHT LINE TO | 2010121 | 193773 |
| BY ARC CENTERED AT | 2017453 | 210475 |
| TO | 2007660 | 195086 |
| BY STRAIGHT LINE TO | 2006450 | 195856 |
| BY ARC CENTERED AT | 2016243 | 211245 |
| TO | 2002812 | 198903 |
| BY STRAIGHT LINE TO | 2001329 | 200516 |
| BY STRAIGHT LINE TO | 1998627 | 203119 |
| BY STRAIGHT LINE TO | 1996877 | 204647 |
| BY ARC CENTERED AT | 2008873 | 218388 |
| TO | 1994484 | 207177 |
| BY STRAIGHT LINE TO | 1993669 | 208223 |
| BY ARC CENTERED AT | 2008058 | 219434 |
| TO | 1992024 | 210737 |
| BY STRAIGHT LINE TO | 1991724 | 211291 |
| BY STRAIGHT LINE TO | 1991392 | 211653 |
| BY STRAIGHT LINE TO | 1987527 | 215292 |
| BY ARC CENTERED AT | 2000030 | 228573 |
| TO | 1985881 | 217061 |
| BY STRAIGHT LINE TO | 1984419 | 218858 |
| BY ARC CENTERED AT | 1998568 | 230370 |
| TO | 1982726 | 221329 |
| BY STRAIGHT LINE TO | 1981279 | 223864 |
| BY ARC CENTERED AT | 1987818 | 240892 |
| TO | 1975782 | 227186 |
| BY ARC CENTERED AT | 1987371 | 241272 |
| TO | 1972054 | 231367 |
| BY STRAIGHT LINE TO | 1937446 | 246505 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 1933172 | 264238 |
| TO | 1920501 | 251117 |
| BY ARC CENTERED AT | 1924399 | 268936 |
| TO | 1916888 | 252314 |
| BY ARC CENTERED AT | 1914373 | 270380 |
| TO | 1900989 | 257987 |
| BY ARC CENTERED AT | 1896827 | 275747 |
| TO | 1895100 | 257588 |
| BY ARC CENTERED AT | 1882306 | 270590 |
| TO | 1867537 | 259884 |
| BY ARC CENTERED AT | 1872418 | 277460 |
| TO | 1858534 | 265630 |
| BY ARC CENTERED AT | 1843467 | 275912 |
| TO | 1848729 | 258447 |
| BY ARC CENTERED AT | 1835344 | 270839 |
| TO | 1841538 | 253682 |
| BY ARC CENTERED AT | 1834019 | 270301 |
| TO | 1817077 | 263541 |
| BY ARC CENTERED AT | 1833527 | 271423 |
| TO | 1815531 | 274401 |
| BY ARC CENTERED AT | 1820994 | 291804 |
| TO | 1808997 | 278064 |
| BY ARC CENTERED AT | 1809845 | 296285 |
| TO | 1792971 | 289357 |
| BY ARC CENTERED AT | 1791584 | 307545 |
| TO | 1773422 | 305849 |
| BY ARC CENTERED AT | 1783067 | 321331 |
| TO | 1771284 | 307407 |
| BY ARC CENTERED AT | 1782391 | 321876 |
| TO | 1769317 | 309156 |
| BY ARC CENTERED AT | 1778769 | 324757 |
| TO | 1763172 | 315299 |
| BY ARC CENTERED AT | 1763190 | 333540 |
| TO | 1762008 | 315338 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 1761238 | 315388 |
| BY ARC CENTERED AT | 1762420 | 333590 |
| TO | 1761004 | 315404 |
| BY ARC CENTERED AT | 1758630 | 333490 |
| TO | 1751585 | 316665 |
| BY STRAIGHT LINE TO | 1749527 | 316597 |
| BY STRAIGHT LINE TO | 1745678 | 316238 |
| BY STRAIGHT LINE TO | 1741757 | 315745 |
| BY STRAIGHT LINE TO | 1738098 | 314155 |
| BY ARC CENTERED AT | 1730831 | 330886 |
| TO | 1737269 | 313819 |
| BY STRAIGHT LINE TO | 1733962 | 312572 |
| BY STRAIGHT LINE TO | 1733065 | 312110 |
| BY ARC CENTERED AT | 1724713 | 328326 |
| TO | 1729983 | 310863 |
| BY STRAIGHT LINE TO | 1729557 | 310735 |
| BY STRAIGHT LINE TO | 1727510 | 309315 |
| BY ARC CENTERED AT | 1717114 | 324303 |
| TO | 1726647 | 308752 |
| BY STRAIGHT LINE TO | 1721463 | 305574 |
| BY STRAIGHT LINE TO | 1721351 | 305467 |
| BY ARC CENTERED AT | 1708756 | 318661 |
| TO | 1715565 | 301739 |
| BY STRAIGHT LINE TO | 1713599 | 300948 |
| BY ARC CENTERED AT | 1706790 | 317870 |
| TO | 1711471 | 300240 |
| BY STRAIGHT LINE TO | 1707761 | 299255 |
| BY ARC CENTERED AT | 1703080 | 316885 |
| TO | 1706765 | 299020 |
| BY STRAIGHT LINE TO | 1704365 | 298525 |
| BY ARC CENTERED AT | 1700680 | 316390 |
| TO | 1702465 | 298237 |
| BY STRAIGHT LINE TO | 1698144 | 297812 |
| BY ARC CENTERED AT | 1696359 | 31596 |

| | X | Y |
|---|---|---|
| TO | 1696239 | 297725 |
| BY STRAIGHT LINE TO | 1692448 | 297750 |
| BY ARC CENTERED AT | 1692568 | 315990 |
| TO | 1691302 | 297793 |
| BY STRAIGHT LINE TO | 1688714 | 297973 |
| BY ARC CENTERED AT | 1689980 | 316170 |
| TO | 1687709 | 298071 |
| BY STRAIGHT LINE TO | 1684999 | 298411 |
| BY ARC CENTERED AT | 1687270 | 316510 |
| TO | 1683393 | 298686 |
| BY STRAIGHT LINE TO | 1674668 | 300584 |
| BY ARC CENTERED AT | 1678545 | 318408 |
| TO | 1674182 | 300697 |
| BY STRAIGHT LINE TO | 1670983 | 301485 |
| BY ARC CENTERED AT | 1675346 | 319196 |
| TO | 1670472 | 301619 |
| BY STRAIGHT LINE TO | 1666144 | 302819 |
| BY ARC CENTERED AT | 1671018 | 320396 |
| TO | 1665216 | 303103 |
| BY STRAIGHT LINE TO | 1663698 | 303612 |
| BY STRAIGHT LINE TO | 1662427 | 303960 |
| BY STRAIGHT LINE TO | 1661678 | 304151 |
| BY STRAIGHT LINE TO | 1659494 | 304616 |
| BY ARC CENTERED AT | 1663290 | 322457 |
| TO | 1659476 | 304620 |
| BY STRAIGHT LINE TO | 1658120 | 304910 |
| BY ARC CENTERED AT | 1658887 | 323134 |
| TO | 1656354 | 305070 |
| BY ARC CENTERED AT | 1655896 | 323305 |
| TO | 1652650 | 305356 |
| BY STRAIGHT LINE TO | 1650184 | 305802 |
| BY ARC CENTERED AT | 1653430 | 323751 |
| TO | 1648635 | 306152 |
| BY STRAIGHT LINE TO | 1647051 | 306584 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 1649308 | 324684 |
| TO | 1643681 | 307333 |
| BY STRAIGHT LINE TO | 1636292 | 308607 |
| BY STRAIGHT LINE TO | 1627130 | 309897 |
| BY STRAIGHT LINE TO | 1620757 | 310390 |
| BY ARC CENTERED AT | 1622420 | 328555 |
| TO | 1619895 | 310490 |
| BY STRAIGHT LINE TO | 1614565 | 311235 |
| BY ARC CENTERED AT | 1617090 | 329300 |
| TO | 1613148 | 311491 |
| BY STRAIGHT LINE TO | 1611814 | 311591 |
| BY ARC CENTERED AT | 1613190 | 329780 |
| TO | 1609960 | 311828 |
| BY STRAIGHT LINE TO | 1606070 | 312528 |
| BY ARC CENTERED AT | 1609300 | 330480 |
| TO | 1604702 | 312829 |
| BY STRAIGHT LINE TO | 1604290 | 312866 |
| BY ARC CENTERED AT | 1605965 | 331030 |
| TO | 1601325 | 313389 |
| BY STRAIGHT LINE TO | 1601195 | 313403 |
| BY ARC CENTERED AT | 1603140 | 331540 |
| TO | 1598672 | 313855 |
| BY STRAIGHT LINE TO | 1596370 | 314437 |
| BY STRAIGHT LINE TO | 1596179 | 314483 |
| BY STRAIGHT LINE TO | 1592424 | 315063 |
| BY ARC CENTERED AT | 1595210 | 333090 |
| TO | 1591479 | 315235 |
| BY ARC CENTERED AT | 1594075 | 333290 |
| TO | 1589694 | 315583 |
| BY ARC CENTERED AT | 1593010 | 333520 |
| TO | 1589433 | 315634 |
| BY STRAIGHT LINE TO | 1588108 | 315899 |
| BY ARC CENTERED AT | 1591685 | 333785 |
| TO | 1585928 | 316477 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 1584286 | 317023 |
| BY STRAIGHT LINE TO | 1582201 | 317563 |
| BY ARC CENTERED AT | 1586780 | 335220 |
| TO | 1581596 | 317732 |
| BY STRAIGHT LINE TO | 1576266 | 319312 |
| BY ARC CENTERED AT | 1581450 | 336800 |
| TO | 1575360 | 319606 |
| BY STRAIGHT LINE TO | 1570080 | 321476 |
| BY ARC CENTERED AT | 1576170 | 338670 |
| TO | 1569889 | 321545 |
| BY STRAIGHT LINE TO | 1565349 | 323210 |
| BY ARC CENTERED AT | 1571630 | 340335 |
| TO | 1563529 | 323992 |
| BY STRAIGHT LINE TO | 1563104 | 324202 |
| BY STRAIGHT LINE TO | 1561073 | 324994 |
| BY ARC CENTERED AT | 1567695 | 341990 |
| TO | 1558882 | 326020 |
| BY STRAIGHT LINE TO | 1558879 | 326021 |
| BY ARC CENTERED AT | 1564160 | 343480 |
| TO | 1556225 | 327056 |
| BY STRAIGHT LINE TO | 1556066 | 327133 |
| BY STRAIGHT LINE TO | 1553511 | 327894 |
| BY ARC CENTERED AT | 1558720 | 345375 |
| TO | 1551769 | 328511 |
| BY STRAIGHT LINE TO | 1549575 | 329415 |
| BY ARC CENTERED AT | 1553840 | 347150 |
| TO | 1546081 | 330642 |
| BY STRAIGHT LINE TO | 1543911 | 331662 |
| BY ARC CENTERED AT | 1551670 | 348170 |
| TO | 1541402 | 333094 |
| BY STRAIGHT LINE TO | 1540011 | 333646 |
| BY ARC CENTERED AT | 1546740 | 350600 |
| TO | 1537927 | 334630 |
| BY STRAIGHT LINE TO | 1531757 | 337418 |

| | X | Y |
|---|---|---|
| BY ARC CENTERED AT | 1539270 | 354040 |
| TO | 1530263 | 338178 |
| BY STRAIGHT LINE TO | 1527498 | 339748 |
| BY ARC CENTERED AT | 1536505 | 355610 |
| TO | 1526511 | 340351 |
| BY STRAIGHT LINE TO | 1526495 | 340356 |
| BY ARC CENTERED AT | 1532515 | 357575 |
| TO | 1523959 | 341466 |
| BY ARC CENTERED AT | 1531240 | 358190 |
| TO | 1522813 | 342013 |
| BY STRAIGHT LINE TO | 1516478 | 345313 |
| BY STRAIGHT LINE TO | 1505572 | 350398 |
| BY ARC CENTERED AT | 1513280 | 366930 |
| TO | 1504778 | 350792 |
| BY STRAIGHT LINE TO | 1493968 | 356487 |
| BY ARC CENTERED AT | 1502470 | 372625 |
| TO | 1493740 | 356609 |
| BY STRAIGHT LINE TO | 1488240 | 359607 |
| BY STRAIGHT LINE TO | 1483855 | 361809 |
| BY ARC CENTERED AT | 1492040 | 378110 |
| TO | 1483320 | 362089 |
| BY STRAIGHT LINE TO | 1481464 | 363099 |
| BY STRAIGHT LINE TO | 1472522 | 367321 |
| BY STRAIGHT LINE TO | 1464632 | 370389 |
| BY ARC CENTERED AT | 1471240 | 387390 |
| TO | 1464433 | 370467 |
| BY STRAIGHT LINE TO | 1461367 | 371700 |
| BY STRAIGHT LINE TO | 1455041 | 373829 |
| BY STRAIGHT LINE TO | 1449142 | 375498 |
| BY ARC CENTERED AT | 1454105 | 393050 |
| TO | 1447394 | 376089 |
| BY STRAIGHT LINE TO | 1443224 | 377739 |
| BY ARC CENTERED AT | 1449935 | 394700 |
| TO | 1442769 | 377926 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 1437906 | 380003 |
| BY STRAIGHT LINE TO | 1435142 | 381048 |
| BY STRAIGHT LINE TO | 1431147 | 382502 |
| BY ARC CENTERED AT | 1431465 | 400740 |
| TO | 1426148 | 383291 |
| BY STRAIGHT LINE TO | 1423703 | 384036 |
| BY ARC CENTERED AT | 1429020 | 401485 |
| TO | 1421665 | 384793 |
| BY STRAIGHT LINE TO | 1421218 | 384903 |
| BY ARC CENTERED AT | 1425600 | 402610 |
| TO | 1417428 | 386302 |
| BY STRAIGHT LINE TO | 1411695 | 388054 |
| BY STRAIGHT LINE TO | 1406675 | 389181 |
| BY STRAIGHT LINE TO | 1400158 | 390267 |
| BY STRAIGHT LINE TO | 1395815 | 390681 |
| BY STRAIGHT LINE TO | 1390919 | 390971 |
| BY ARC CENTERED AT | 1392000 | 409180 |
| TO | 1390575 | 390995 |
| BY STRAIGHT LINE TO | 1386958 | 390977 |
| BY STRAIGHT LINE TO | 1385797 | 390942 |
| BY STRAIGHT LINE TO | 1383281 | 390516 |
| BY ARC CENTERED AT | 1380235 | 408500 |
| TO | 1382827 | 390444 |
| BY STRAIGHT LINE TO | 1380530 | 390115 |
| BY STRAIGHT LINE TO | 1379793 | 389887 |
| BY ARC CENTERED AT | 1363392 | 397870 |
| TO | 1364288 | 379651 |
| BY STRAIGHT LINE TO | 1363312 | 379603 |
| BY ARC CENTERED AT | 1362416 | 397822 |
| TO | 1348021 | 386619 |
| BY STRAIGHT LINE TO | 1347740 | 386685 |
| BY STRAIGHT LINE TO | 1339580 | 387874 |
| BY STRAIGHT LINE TO | 1332310 | 388694 |
| BY STRAIGHT LINE TO | 1328041 | 388886 |

| | X | Y |
|---|---|---|
| BY STRAIGHT LINE TO | 1323345 | 388897 |
| BY STRAIGHT LINE TO | 1318623 | 388814 |
| BY STRAIGHT LINE TO | 1313961 | 388548 |
| BY STRAIGHT LINE TO | 1309176 | 388114 |
| BY STRAIGHT LINE TO | 1299212 | 386972 |
| BY STRAIGHT LINE TO | 1294264 | 386189 |
| BY ARC CENTERED AT | 1291413 | 404205 |
| TO | 1293948 | 386141 |
| BY STRAIGHT LINE TO | 1288689 | 385403 |
| BY ARC CENTERED AT | 1286154 | 403467 |
| TO | 1288273 | 385350 |
| BY STRAIGHT LINE TO | 1282879 | 384719 |
| BY ARC CENTERED AT | 1280760 | 402836 |
| TO | 1282343 | 384664 |
| BY STRAIGHT LINE TO | 1277050 | 384203 |
| BY ARC CENTERED AT | 1275467 | 402375 |
| TO | 1276974 | 384197 |
| BY STRAIGHT LINE TO | 1266567 | 383334 |
| BY STRAIGHT LINE TO | 1261754 | 382855 |
| BY STRAIGHT LINE TO | 1256845 | 382176 |
| BY STRAIGHT LINE TO | 1252082 | 381444 |
| BY STRAIGHT LINE TO | 1247120 | 380489 |
| BY ARC CENTERED AT | 1243670 | 398400 |
| TO | 1246626 | 380401 |
| BY STRAIGHT LINE TO | 1243866 | 379947 |
| BY STRAIGHT LINE TO | 1240511 | 379144 |
| BY STRAIGHT LINE TO | 1238894 | 378640 |
| BY STRAIGHT LINE TO | 1234692 | 377218 |
| BY ARC CENTERED AT | 1228846 | 394497 |
| TO | 1233981 | 376994 |
| BY ARC CENTERED AT | 1225768 | 393281 |
| TO | 1230677 | 375713 |
| BY STRAIGHT LINE TO | 1229077 | 374980 |
| BY ARC CENTERED AT | 1219065 | 390227 |

| | X | Y |
|---|---|---|
| TO | 1227371 | 373987 |
| BY STRAIGHT LINE TO | 1226185 | 373381 |
| BY STRAIGHT LINE TO | 12272.4 | 367277 |
| BY ARC CENTERED AT | 1209227 | 364245 |
| TO | 1214918 | 346915 |
| BY STRAIGHT LINE TO | 1213304 | 346385 |
| BY STRAIGHT LINE TO | 1212404.23 | 346089.54 |

SAID POINT BEING ON THE
TEXAS-LOUISIANA BOUNDARY

EXHIBIT B

From January, 1961 to December 6, 1969, the three-mile projection line in East Bay vicinity from base line point X = 2,702,461; Y = 124,148 to a baseline point X = 2,641,835; Y = 129,725 deviates from the present three-mile projection and may be described as follows:

| | X | Y |
|---|---|---|
| By arc centered at | 2702461 | 124148 |
| To | 2717902 | 114437 |
| By arc centered at | 2699815 | 116800 |
| To | 2711432 | 102737 |
| By arc centered at | 2699695 | 116700 |
| To | 2694008 | 99369 |
| By arc centered at | 2697850 | 117200 |
| To | 2683320 | 106173 |
| By straight Line to | 2682980 | 106621 |
| By arc centered at | 2697510 | 117648 |
| To | 2679799 | 113283 |
| By straight line to | 2679589 | 114135 |
| By an arc centered at | 2697300 | 118500 |
| To | 2679559 | 114260 |
| By an arc centered at | 2685250 | 131590 |
| To | 2677482 | 115086 |
| By an arc centered at | 2684417 | 131957 |
| To | 2673065 | 117679 |
| By an arc centered at | 2683850 | 132390 |
| To | 2672411 | 118182 |
| By an arc centered at | 2682580 | 133325 |
| To | 2671159 | 119102 |
| By straight line to | 2655458 | 117595 |
| By arc centered at | 2641835 | 129725 |

Prior to January, 1961 the three-mile projection line in East Bay vicinity from base line point X = 2,702,461; Y = 124,148 to base line point X = 2,641,835; Y = 129,725 deviates from the present three-mile projection and may be described as follows:

| | X | Y |
|---|---|---|
| By arc centered at | 2702461 | 124148 |
| To | 2716719 | 112772 |
| By arc centered at | 2699435 | 118600 |
| To | 2710698 | 104252 |
| By arc centered at | 2697850 | 117200 |
| To | 2683320 | 106173 |
| By straight line to | 2682980 | 106621 |
| By arc centered at | 2697510 | 117648 |
| To | 2679799 | 113283 |
| By straight line to | 2679589 | 114135 |
| By an arc centered at | 2697300 | 118500 |
| To | 2679559 | 114260 |
| By an arc centered at | 2685250 | 131590 |
| To | 2677482 | 115086 |
| By an arc centered at | 2684417 | 131957 |
| To | 2673065 | 117679 |
| By an arc centered at | 2683850 | 132390 |
| To | 2672411 | 118182 |
| By an arc centered at | 2682580 | 133325 |
| To | 2671159 | 119102 |
| By straight line to | 2655458 | 117595 |
| By arc centered at | 2641835 | 129725 |

Prior to December 6, 1969 the three-mile projection in the Pass du Bois vicinity from base line point X = 2,614,270; Y = 110,615 to base line point X = 2,608,270; Y = 178,325 deviates from the present three-mile projection and may be described as follows:

| | X | Y |
|---|---|---|
| By arc centered at | 2614270 | 110615 |
| To | 2597233 | 117130 |
| By straight line to | 2597212 | 152789 |
| By arc centered at | 2612771 | 162310 |
| To | 2595307 | 157043 |
| By arc centered at | 2612120 | 164118 |
| To | 2594046 | 166581 |
| By arc centered at | 2608270 | 178325 |

From November 19, 1959 to February 1, 1960 the three-mile projection in the Pass Tarte Phine vicinity from base line point X = 2,606,370; Y = 180,190 to base line point X = 2,598,335; Y = 196,450 deviates from the present three-mile projection and may be described as follows:

| | X | Y |
|---|---|---|
| By arc centered at | 2606370 | 180190 |
| To | 2593225 | 167544 |
| By arc centered at | 2602000 | 183535 |
| To | 2583851 | 185362 |
| By arc centered at | 2598335 | 196450 |

From January 1, 1959 through March 31, 1959 and from March 1, 1964 through July 31, 1964 the three-mile projection north of Pass Tante Phine from base line point X = 2,605,125; Y = 182,710 to base line point X = 2,600,780; Y = 192,900 deviates from the present three-mile projection and may be described as follows:

| | X | Y |
|---|---|---|
| By arc centered at | 2605125 | 182710 |
| To | 2588206 | 175894 |
| By arc centered at | 2602763 | 186885 |
| To | 2584711 | 184268 |
| By arc centered at | 2600780 | 192900 |

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